

AMENDMENTS TO THE CLAIMS

1. - 22. (Canceled)

23. (Currently Amended) An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) a sequence consisting of SEQ ID NO: 348;
- (b) a sequence consisting of nucleotides 1-2414-34 of SEQ ID NO: 3484233864;
- (c) a sequence consisting of nucleotides 1-22 of SEQ ID NO: 348 14-36 of SEQ ID NO: 4233864;
- (d) a sequence of 23-24 nucleotides, wherein nucleotides 1-22 of said sequence consist of SEQ ID NO: 348 a sequence consisting of nucleotides 14-37 of SEQ ID NO: 4233864;
- (e) a DNA encoding the nucleic acid of any one of (a)-(d), wherein the DNA is identical in length to (a)-(d), respectively; and
- (f) the complement of any one of (a)-(e), wherein the complement is identical in length to (a)-(e), respectively.

24. (Canceled)

25. (Previously Presented) An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) SEQ ID NO: 4233864;
- (b) a DNA encoding the nucleic acid of (a), wherein the DNA is identical in length to (a); and
- (c) the complement of (a) or (b), wherein the complement is identical in length to (a) or (b).

26. - 30. (Canceled)

31. (Previously Presented) A vector comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 23, and wherein the vector comprises no other inserts but the nucleic acid of claim 23.

32. (Canceled)

33. (Previously Presented) A vector comprising a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 25, and wherein the vector comprises no other inserts but the nucleic acid of claim 25.

34. - 38. (Canceled)

39. (Previously Presented) A probe consisting of a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 23.

40. (Previously Presented) A probe consisting of a human insert, wherein the human insert consists of the sequence of the nucleic acid of claim 25.